

Math Mobile

Description:

Children will create a mobile whose geometric shapes have an organic twist.

Materials:

Mobile activity sheets, safety scissors, craft sticks, markers, crayons, glue, yarn

Optional: construction paper

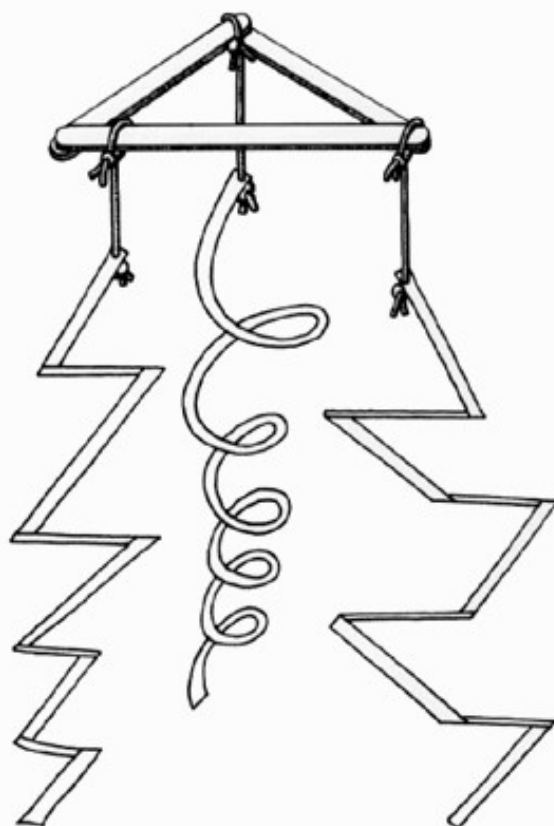
Preparation:

Make a copy of the Mobile activity sheets.

Standards: 2 and 6

Concepts: Form and Shape

Level: Pre K-3



Procedure:

Your child will create a mobile, a sculpture with moving parts. Demonstrate how to cut the geometric shapes from the activity page by cutting along the dotted lines. Your child will see that the solid geometric shapes become squiggly organic shapes when they are cut. Assist with the cutting as necessary. Have your child decorate the shapes with markers and crayons, and make the top of the mobile by gluing three craft sticks together in the form of a triangle. The squiggly shapes can be hung from the points of the triangle by poking a small hole in the paper and attaching them with yarn, string, leather, or whatever you have on hand. Your child then has the option of adding small bells or other objects that make sounds to the mobile.

Artist Tie-in:

See mobiles by Alexander Calder, such as *Antennae with Red and Blue Dots* (1960) in *JumpStart Artist*.

Extension:

Your child can create a different kind of math mobile by cutting geometric shapes, such as squares and cubes, from construction paper and hanging them from craft sticks or a coat hanger.

Just for Kids:

Have you ever seen a wind chime? When the wind blows, the metal tubes strike one another and make a tinkling sound. Sculpture that moves is kinetic sculpture. A mobile is a sculpture with moving parts. You can make a mobile with geometric shapes. Tape or glue string to the end of each shape, and tie the shapes around a craft stick so they hang at different levels. Then hang your mobile under a ceiling fan to see it move.